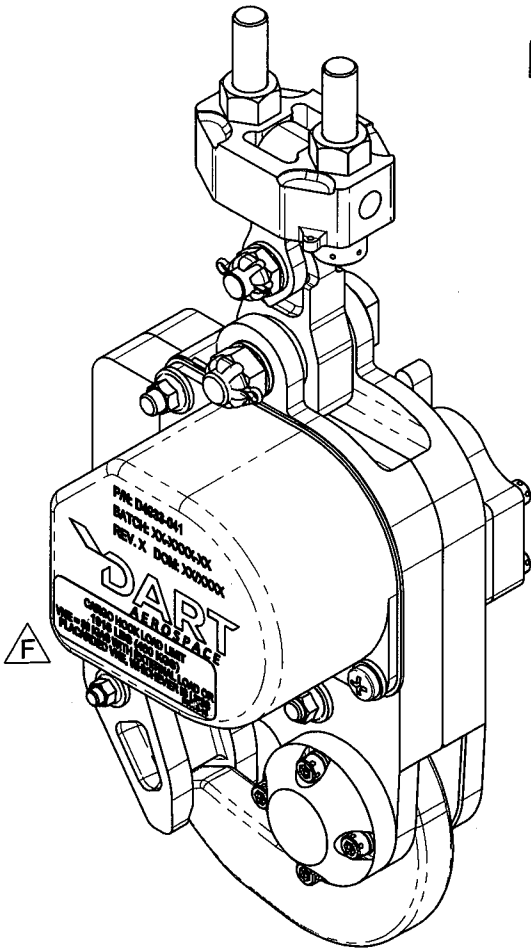


ITEM	QTY -041	P/N	DESCRIPTION
	X	D4983-041	CARGO HOOK ASSY
1	1	D4984-041	HOOK SIDE PLATE ASSY
2	1	D4985-041	HOOK SIDE PLATE ASSY
3	1	D4986-1	CARGO HOOK LOCK
4	2	D4987-1	DUST SHIELD
5	1	D4988-1	KEEPERLESS ADAPTOR
6	1	D4989-1	LATCH SHAFT
7	1	D4990-041	ACTUATOR ASSEMBLY
8	1	D4991-1	LATCH ROLLER PIN
9	1	D4992-1	LATCH ROLLER
10	1	D4993-1	LATCH ROLLER DU BEARING
11	1	D4994-1	LATCH
12	2	D4995-1	ACTUATOR BUSHING
13	1	D4996-041	HOOK ASSEMBLY
14	1	D4997-1	LOAD BEAM BUMPER
15	2	D4998-1	LOCK BUMPER
16	1	D4999-1	CLOCK SPRING COVER
17	1	D5000-1	CLOCK SPRING
18	1	D5001-1	LOCK SPRING
19	2	D5002-1	LINK PIN
20	1	D5003-1	LINK
21	1	D5005-1	SOLENOID COVER GASKET
22	1	D5006-1	SOLENOID COVER
23	1	D5007-1	MANUAL RELEASE COVER
24	1	D5009-1	ACTUATOR SPRING
25	1	D5010-041	HOOK INTERFACE ASSY
26	1	D5011-041	HOOK SOLENOID ASSY
27	2	D5013-3	BUSHING
28	1	D5020-1	WIRE GUIDE/GRIP
29	1	D5044-1	DOWEL PIN
30	2	D5044-3	DOWEL PIN
31	2	D5045-1	SPLIT DU BEARING
32	1	D5056-1	HOOK PIN
33	2	D5057-1	NYLON WASHER
34	2	D5057-3	NYLON WASHER
35	1	D5065-1	HOOK MANUAL RELEASE LEVER
36	1	D5066-1	PLACARD
37	1	D5066-13	PLACARD

NOTES:

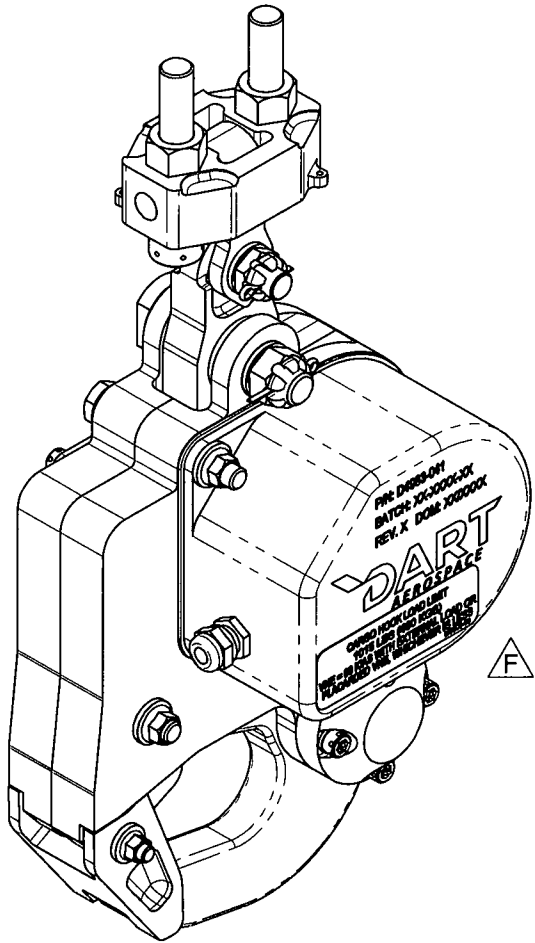
- 1) MATERIAL: N/A  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: LASER ETCH P/N D4983-041, BATCH XX-XXXX-XX, REV. X, DOM XX/XXXX  
LOCATE APPROX AS SHOWN USING APPROX LETTERING HEIGHT  
AS SHOWN. PER DART EUGENE SPEC QMSI-6.2.2.  
7) WEIGHT: 5.50 lbs  
8) WIRING INSTALLATION PER AC43.13-1B CHAPTER 11

ITEM	QTY -041	P/N	DESCRIPTION
38	1	AN3C15A	BOLT
39	1	AN310C6	NUT, CASTELLATED
40	2	AN4C15A	BOLT
41	1	AN4C17A	BOLT
42	2	MS16624-4028	RETAINING RING
43	4	MS16624-5012-1	RETAINING RING
44	1	MS171532	SPRING PIN
45	3	MS21043-3	NUT, SELF-LOCKING
46	3	MS21043-4	NUT, SELF-LOCKING
47	1	MS24665-153	COTTER PIN
48	1	MS24694-C7	SCREW, CSK 100°
49	8	MS24674-9	SOCKET HEAD CAP SCREW
50	1	MS27039C1-08	SCREW, PAN-HEAD
51	4	MS35338-137	LOCK WASHER
52	5	NAS1149C0363R	WASHER
53	6	NAS1149C0463R	WASHER
54	1	NAS1149C0663R	WASHER
55	1	NAS1149C0863R	WASHER
56	1	D5116-5	WIRE M22759/41-14-9
57	1	D5116-7	WIRE M22759/41-14-9
58	1	1-480319	CONNECTOR
59	1	XPF-1/8	EXPANDABLE SLEEVE - 48" LONG
60	2	BT1.5I-M	TIE WRAP

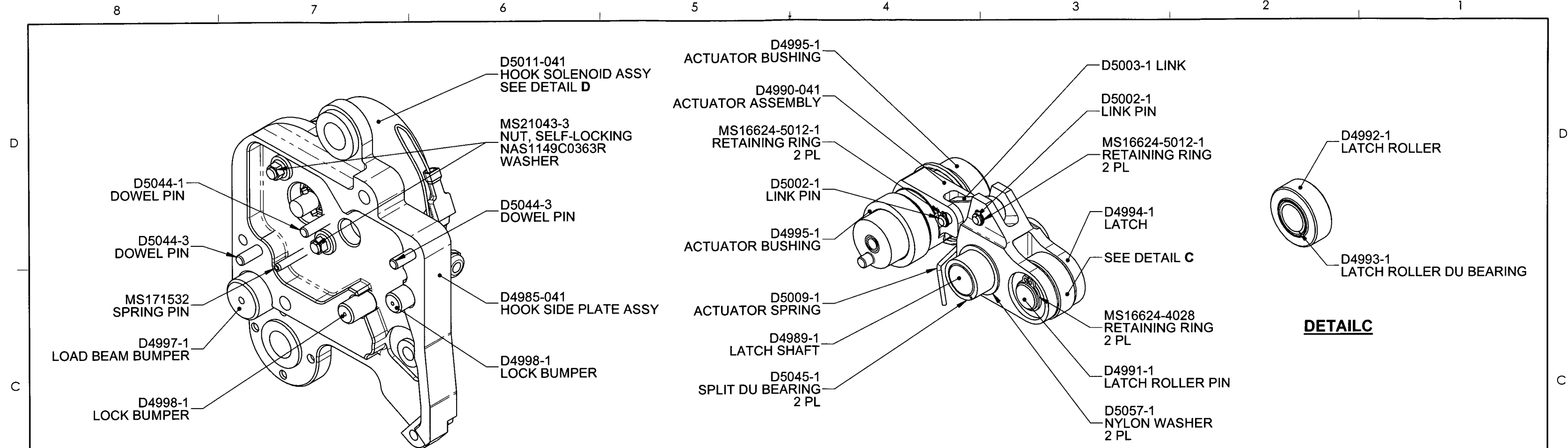


D4983-041 CARGO HOOK ASSY

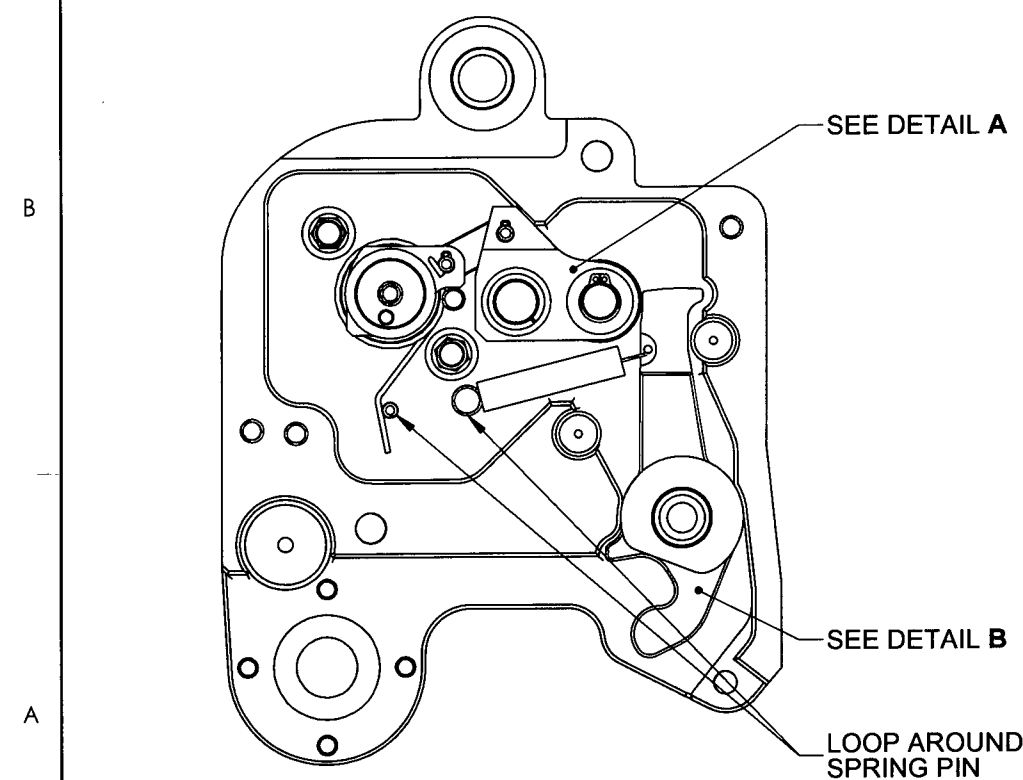
RELEASED  
2015 MAR 26  
A.P. ECN 15-554



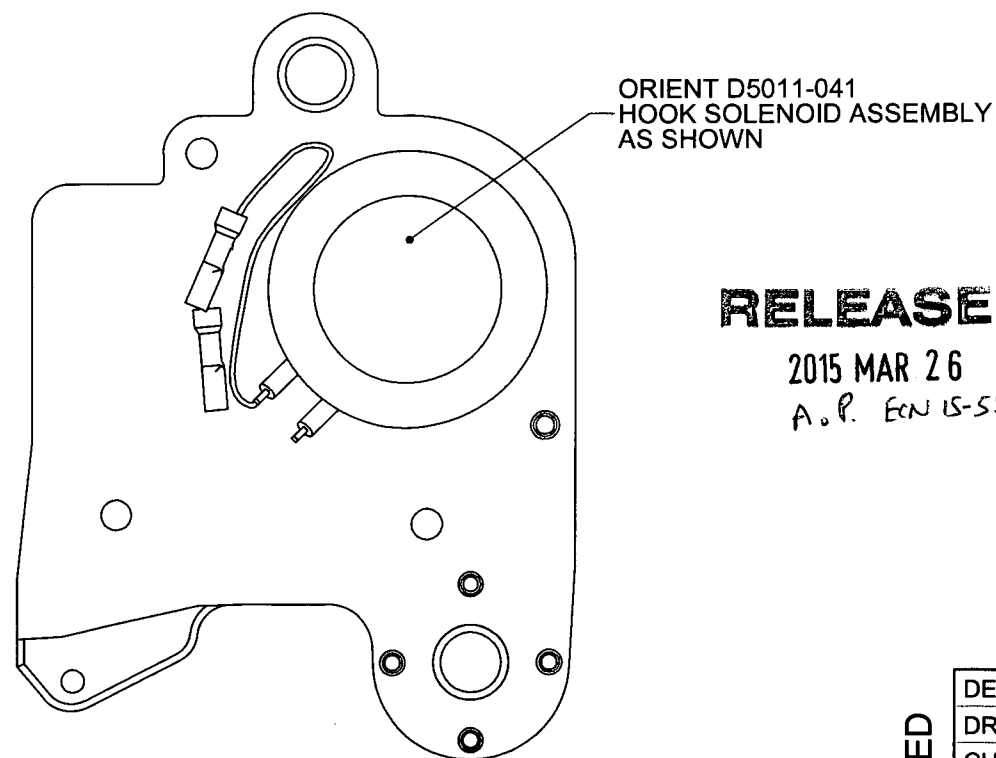
F	D5066-13 WAS D5066-5 (ZN A5-1, C2-1, B8-1 AND C4-3)	AK	15.03.02
E	ADDED ITEMS 56, 57, 58, 59, 60 TO BOM (ZN C5-1). ADDED NOTE 8 (ZN A8-1). UPDATED D5066-5 PLACARD (ZN A5-1, C2-1 AND C4-3). ADDED SHEET 4 (BUILD SEQUENCE 4).	AK	15.02.06
D	ITEM 50 WAS MS27039C0814 (DRAFTING ERROR). ADDED NOTE 6.	AJS	14.12.15
C	PICTORIAL UPDATE FOR CHANGES TO D5010-041 SUB ASSY. PICTORIAL UPDATE TO ITEM 28. ADDED ITEM 37 & 38. QTY FOR ITEM 44 WAS 4 (-9 DELETED). REDESIGNED D4985-041, D5007-1 AND D5065-1 AND UPDATED RELATED HARDWARE LENGTHS. ALL NASM HARDWARE REPLACED WITH AN/MS HARDWARE.	AJS	14.06.24
B	SHT 1 PARTS LIST: ITEM 42 WAS -151, ADDED ITEM 43, QTY FOR ITEM 44 WAS 8. ITEM 47 PART NUMBER WAS NAS1149C0832R, ITEM 51 PART NUMBER WAS NAS1149C0816R ITEM 52 PART NUMBER WAS NASM24694-C4. REASON: DRAFTING ERROR.	AJS	14.03.13
A	NEW ISSUE	AJS	14.02.18
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. F
MFG. APPR.	JLM	D4983	SHEET 1 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CARGO HOOK ASSY	NTS
DATE	15.03.02	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



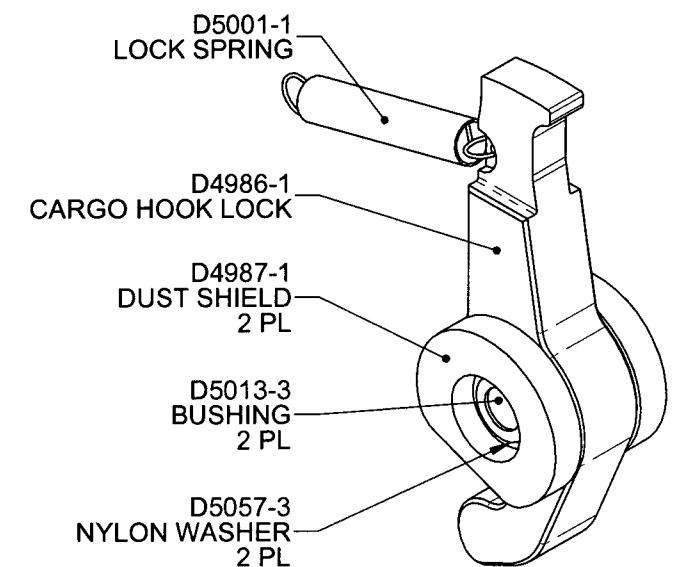
## **BUILD SEQUENCE 1**



## **BUILD SEQUENCE 2**



**DETAIL D**

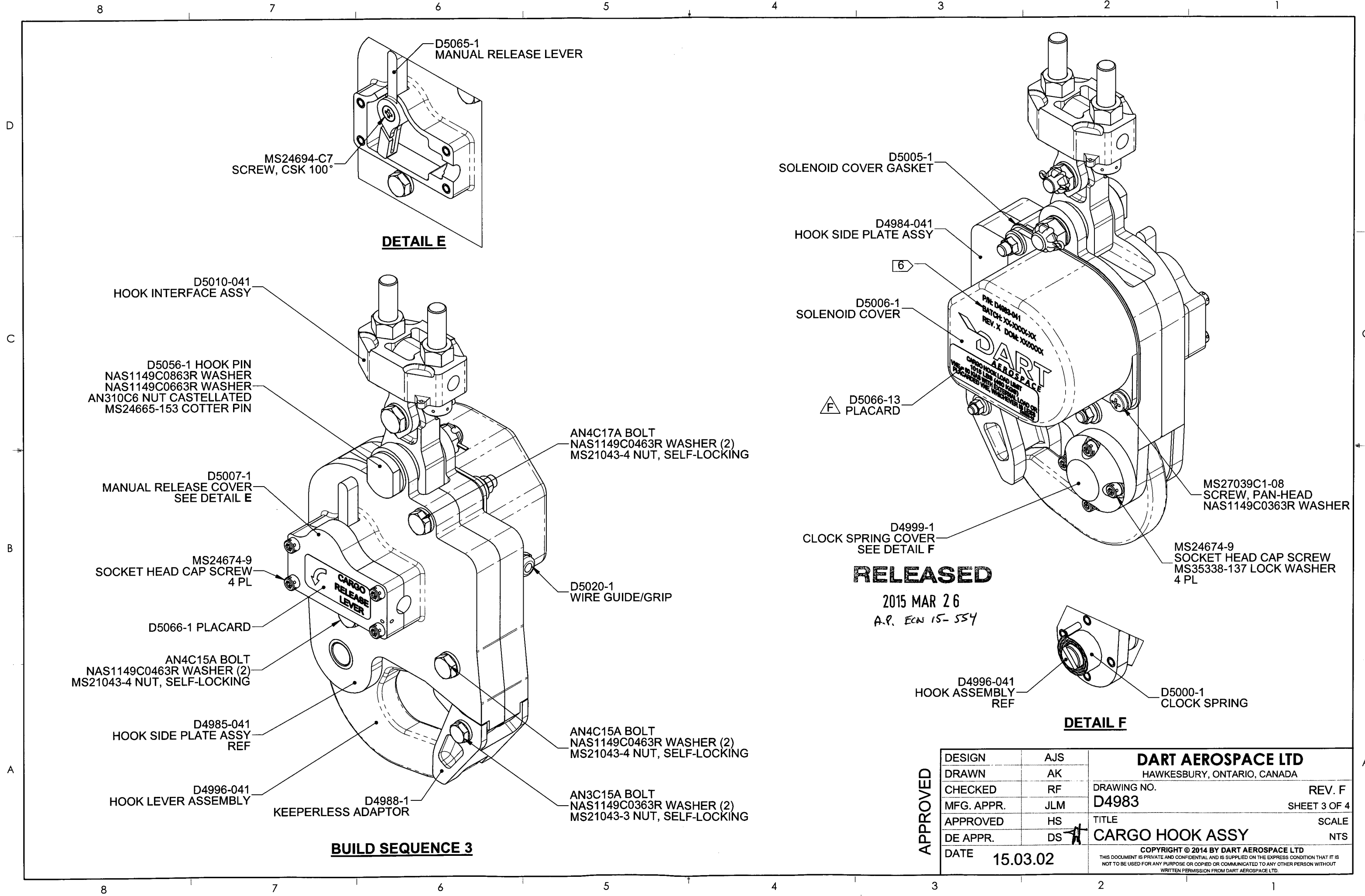


### DETAIL B

**RELEASED**

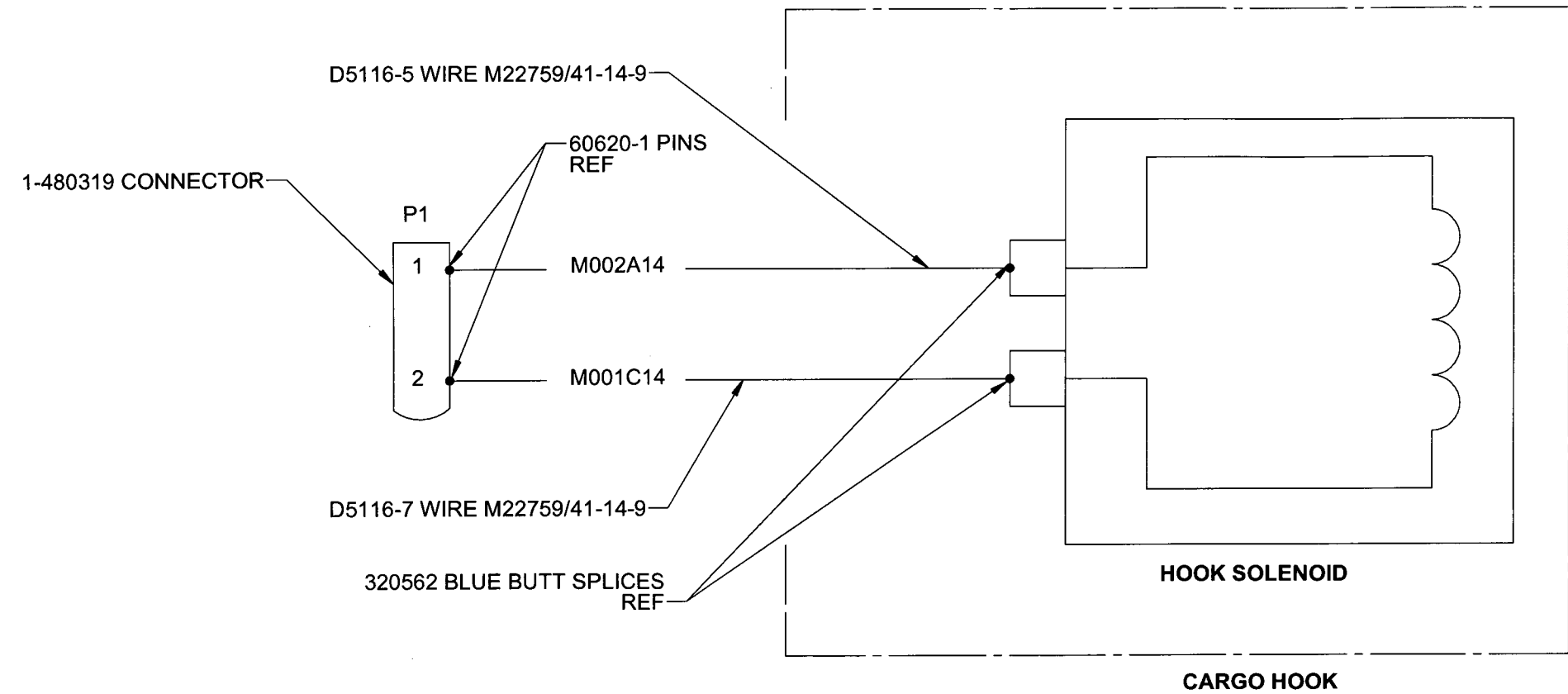
2015 MAR 26  
A.P. ECU 15-554

APPROVED	DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
	DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
	CHECKED	RF	DRAWING NO.	REV. F
	MFG. APPR.	JLM	<b>D4983</b>	SHEET 2 OF 4
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	<b>CARGO HOOK ASSY</b>	NTS
	DATE	<b>15.03.02</b>	<b>COPYRIGHT © 2014 BY DART AEROSPACE LTD</b> THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



**BUILD SEQUENCE 4 INSTRUCTIONS:**

1. REMOVE D5006-1 SOLENOID COVER
2. INSTALL PINS ON THE D5116-5/-7 WIRES TO THE 1-480319 CONNECTOR. SEE FIGURE BELOW FOR DETAILS
3. INSTALL XPF-1/8 EXPANDABLE SLEEVE AT THE CONNECTOR END AROUND D5116-5/-7 WIRES AND SECURE USING A SMALL TIE WRAP
4. INSTALL D5116-5/-7 WIRES AND XPF-1/8 EXPANDABLE SLEEVE THROUGH D5020-1 WIRE GUIDE/GRIP ON THE SOLENOID COVER
5. INSTALL TIE WRAP ON EXPANDABLE SLEEVE AND WIRES INSIDE D5006-1 SOLENOID COVER
6. CONNECT D5116-5/-7 WIRES TO SOLENOID WIRES USING 320562 BLUE BUTT SPLICES
7. RE-INSTALL D5006-1 SOLENOID COVER
8. TIGHTEN D5020-1 WIRE GUIDE/GRIP



**BUILD SEQUENCE 4**

**RELEASED**

2015 MAR 26

A.P. EcN 15-554

APPROVED

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. F
MFG. APPR.	JLM	<b>D4983</b>	SHEET 4 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>CARGO HOOK ASSY</b>	NTS
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